

ITEM #0950202A – SHORELINE GRASS ESTABLISHMENT**Description**

The work included shall consist of providing an accepted stand of established shoreline grasses by furnishing and placing seed as shown on the mitigation plans or as directed by the Engineer within the Tidal Wetland Mitigation Area. Seeding shall be applied to all non-inundated constructed mitigation and enhancement areas, comprised of graded areas above mean high water (elevation 1.7) and below the high tide line (elevation 3.26).

Materials

The materials for this work shall conform to the requirements of Section 9.50 of Standard Specification Form 816.

Construction Methods

Construction Methods shall be those established as agronomically acceptable and feasible and which are approved by the Engineer.

Shoreline Grass Mix

In order to preserve and enhance the diversity of native species, it is necessary that the source for seed mixtures for use in mitigation areas shall be located within the Northeast USA including New England, New York, Pennsylvania, New Jersey, Delaware, or Maryland. The appropriate Shoreline Grass Mix for the Tidal Wetland Mitigation Area is detailed. Other proposed mixtures must be approved by the CT DOT EPD prior to use.

Rate shall be 50 lbs./acre (broadcast)

<u>Scientific Name</u>	<u>Common Name</u>	<u>% of Seed Mix</u>
<i>Festuca rubra</i>	Creeping Red Fescue	30
<i>Panicum virgatum</i>	Shelter Switchgrass	30
<i>Andropogon gerardi</i>	Big Bluestem	20
<i>Sorghastrum nutans</i>	Indiangrass	12
<i>Panicum clandestinum</i>	Deertounge	8

Method of Measurement

Wetland Creation will be measured for payment by the number of square yards of surface area of accepted established shoreline grasses as specified or by the number of square yards of surface area of seeding actually covered and as specified.

Basis of Payment

The work will be paid for at the contract unit price per square yard of “Shoreline Grass” establishment, which prices shall include all materials, equipment, maintenance, tools, labor, and work incidental thereto. Partial payment of up to 60% may be made for work completed but not accepted.

Pay Item

Shoreline Grass Establishment

Pay Unit

S.Y.